

This dataset contains:

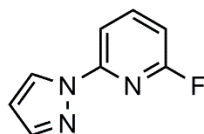
Analytical characterisation of the new ligand and complex (CHN microanalysis).

X-ray Crystallographic data:

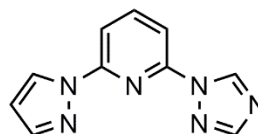
- Structure of 2-fluoro-6-(pyrazol-1-yl)pyridine (CCDC 1950547).
- Structure of *L* (CCDC 1950548).
- Structure of **1**·MeNO₂·*x*H₂O at T= 150 K (CCDC 1951382).
- Structure of **1**·MeNO₂·*x*H₂O at T= 200 K (CCDC 1951383).
- Structure of **1**·MeNO₂·*x*H₂O at T= 250 K (CCDC 1951384).
- Structure of **1**·MeNO₂·*x*H₂O at T= 290 K (CCDC 1951385).

Solid state magnetic susceptibility measurements (raw and processed data).

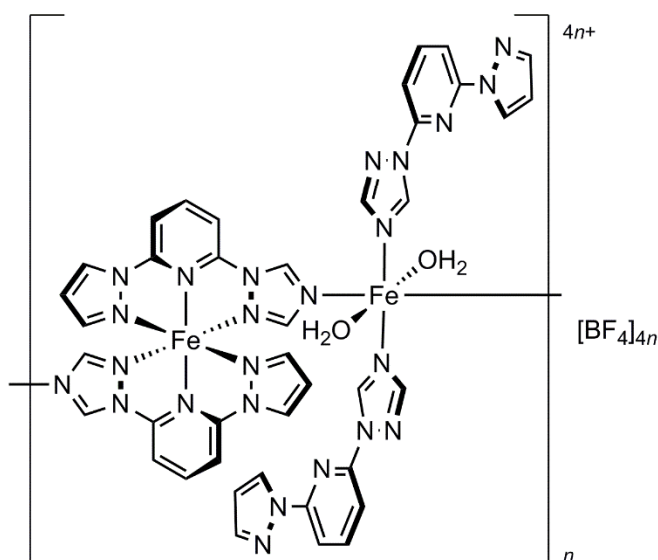
Compounds prepared or referred to during this study



2-(Fluoro)-6-(pyrazol-1-yl)pyridine
C8H6FN3



L
2-(1,2,4-Triazol-1-yl)-6-(pyrazol-1-yl)pyridine
C10H8N6



1
 $[\text{Fe}(\mu\text{-}L)_2\{\text{Fe}(\text{OH}_2)_2L_2\}][\text{BF}_4]_4$
C40H36B4F16Fe2N24O2